Focus Area 1: Access to Quality Health Services

Objective 1-9b calls for reduction in the hospitalization rate for uncontrolled diabetes to 5.4 per 10,000 population aged 18 to 64 years.

Hospital discharge data for 2000 indicates a total of 11,474 discharges among California residents of this age group with a principal diagnosis of uncontrolled diabetes (Figure 1.9b, Table 1-9b). This translates to a rate of 5.4 hospitalizations per 10,000 population aged 18-64. Data for 2001 show a total of 11,860 discharges for uncontrolled diabetes among this age group, at a rate of 5.5 per 10,000; data for 2002 show 12,121 discharges at a rate of 5.5 per 10,000 population aged 18-64; and data for 2003 show 12,410 discharges at a rate of 5.5 per 10,000 population aged 18-64. Hospitalization rates for 2001-2003 were slightly above the HP2010 target, and this objective has not yet been achieved.

The uncontrolled diabetes hospitalization rates for males aged 18-64 (5.9 per 10,000 for 2000 and 6.0 for 2003) were 1.2 times greater than the rates for females aged 18-64 (5.0 per 10,000 in 2000 and 5.1 per 10,000 for 2003). This HP2010 objective is being met for California females, but not for males.

Examined by race and ethnicity, the highest uncontrolled diabetes hospitalization rates were found for Blacks/African Americans aged 18-64 (17.3 per 10,000 in 2000, 16.8 per 10,000 in 2001, 16.6 per 10,000 in 2002, and 15.9 per 10,000 in 2003). In 2003, these rates were three times greater than the rates for Hispanics/Latinos and for Whites, six times greater than the rates for American Indians/Alaska Natives, and 13 times greater than the rates for Asians/Pacific Islanders. The HP2010 objective is being met for all racial and ethnic groups except for Blacks/African Americans as of 2003.

For more information on diabetes, visit the CDHS Diabetes Program Web site at:

http://www.caldiabetes.org/

For more information on uncontrolled diabetes hospitalizations, see the OSHPD Disparities in Healthcare Fact Book at:

http://www.oshpd.ca.gov/HQAD/links/factbook/Fact%20Book%202003_3.pdf

For more information on Healthy People 2010 objective 1-9b, please visit:

http://www.healthypeople.gov/Document/HTML/Volume1/05Diabetes.htm

and

http://www.healthypeople.gov/Document/html/tracking/od05.htm

Figure 1-9b
Uncontrolled Diabetes Hospitalization Rates
Among Persons Aged 18-64
California, 2000-2003
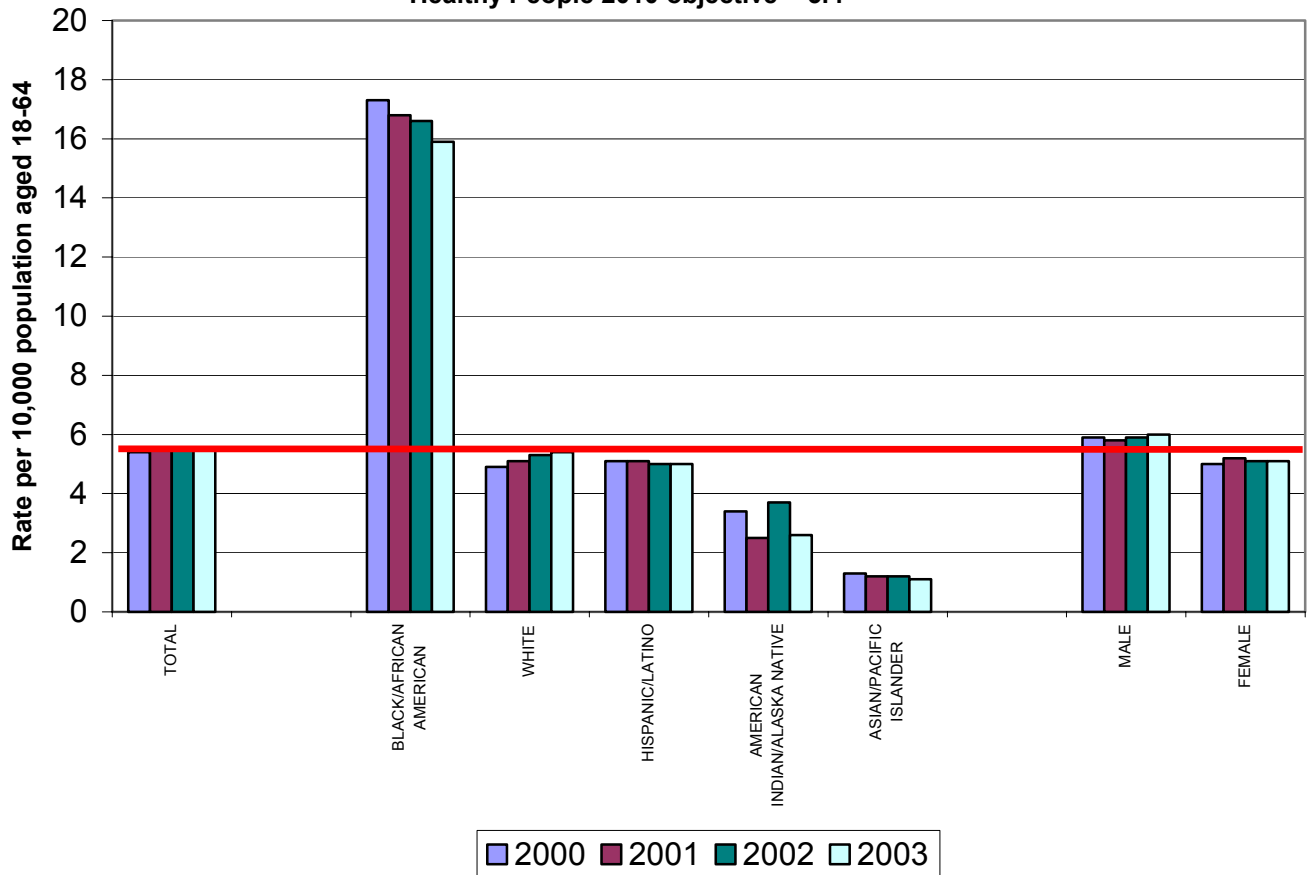
Healthy People 2010 objective = 5.4

Table 1-9b
Uncontrolled Diabetes Hospitalization Rates Among Persons Aged 18-64 Years
California, 2000-2003

Uncontrolled Diabetes Hospitalizations*	2000				2001			
	N	Rate[1]	Lower 95% C.I.	Upper 95% C.I.	N	Rate[1]	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Objective 1-9a		5.4				5.4		
CALIFORNIA TOTAL	11,474	5.4	5.3	5.5	11,860	5.5	5.4	5.6
Race-Ethnicity								
American Indian/Alaska Native	43	3.4	2.4	4.4	36	2.5	1.7	3.4
Asian/Pacific Islander	331	1.3	1.1	1.4	325	1.2	1.1	1.4
Black/African American	2,377	17.3	16.6	18.0	2,364	16.8	16.1	17.5
Hispanic/Latino	3,307	5.1	4.9	5.2	3,503	5.1	4.9	5.3
White	5,020	4.9	4.8	5.0	5,244	5.1	5.0	5.3
Gender								
Female	5,195	5.0	4.8	5.1	5,512	5.2	5.0	5.3
Male	6,279	5.9	5.7	6.0	6,348	5.8	5.7	5.9

Uncontrolled Diabetes Hospitalizations*	2002				2003			
	N	Rate[1]	Lower 95% C.I.	Upper 95% C.I.	N	Rate[1]	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Objective 1-9a		5.4				5.4		
CALIFORNIA TOTAL	12,121	5.5	5.4	5.6	12,410	5.5	5.4	5.6
Race-Ethnicity								
American Indian/Alaska Native	57	3.7	2.7	4.6	44	2.6	1.8	3.4
Asian/Pacific Islander	324	1.2	1.1	1.3	308	1.1	1.0	1.3
Black/African American	2,408	16.6	16.0	17.3	2,378	15.9	15.3	16.6
Hispanic/Latino	3,554	5.0	4.8	5.1	3,710	5.0	4.8	5.1
White	5,393	5.3	5.1	5.4	5,609	5.4	5.3	5.6
Gender								
Female	5,577	5.1	5.0	5.3	5,638	5.1	5.0	5.2
Male	6,544	5.9	5.7	6.0	6,772	6.0	5.8	6.1

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2003;
　　　　CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California
　　　　and Its Counties 2000-2050, May 2004.
NOTES:　* ICD-9-CM codes 250.02-250.03, 250.10-250.13, 250.20-250.23, 250.30-250.33 in the Principal Diagnosis field.
　　　　[1] Rate per 10,000 population aged 18-64